



ScreenBeam Configuration Utility

User Manual

Ver 1.0

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ScreenBeam Configuration Utility

The ScreenBeam Configuration Utility is a dedicated tool for wirelessly configuring and upgrading ScreenBeam series wireless display receivers. With this easy-to-use utility, the user can upgrade firmware, modify the display language, customize the screensaver, manage HDMI port output, set up USB local access, etc. for the ScreenBeam wireless display receiver.

This user guide explains how to install and configure the Utility on Android devices (this chapter) and Windows 8.1 devices (chapter 2).



Installing the Utility on an Android Device

Actiontec's ScreenBeam Configuration Utility for Android allows ScreenBeam series Receivers to be configured and upgraded wirelessly. It is available on Google Play Store, as well as the Actiontec website (<http://www.actiontec.com/sbupdate>).

Downloading the Utility

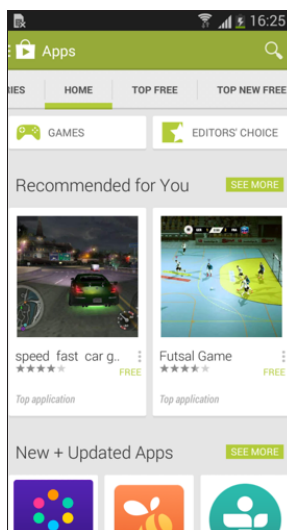
The Utility is available as a free download from the Google Play Store. To download.:

1. Tap **Play Store** on the device.

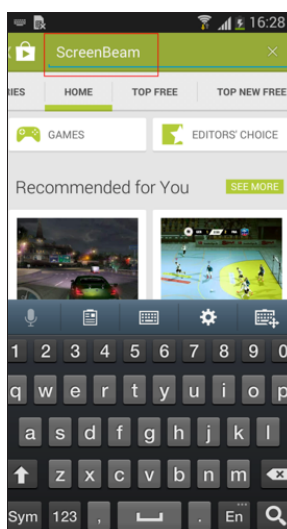


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2. The Google Play Store appears. Tap the magnifying glass in the upper right hand corner of the screen.

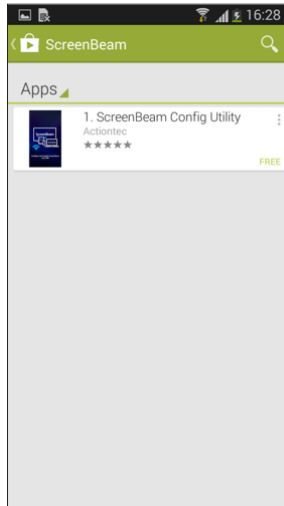


3. Enter "ScreenBeam" and tap the search icon. The ScreenBeam Config Utility app is found and displayed in the search result.

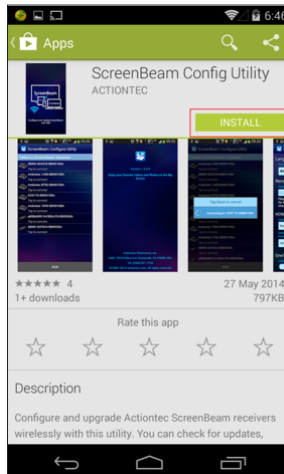


Android

4. The ScreenBeam Config Utility appears in the Apps list. Tap its icon, on the left.

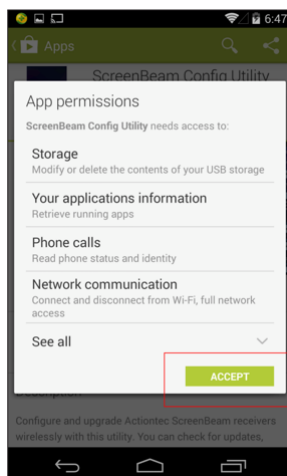


5. In the next screen, tap **Install**.

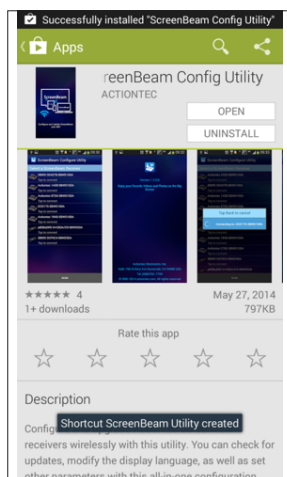


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6. In the next screen, tap **Accept**.



7. The Utility downloads and installs. When finished, a “Successfully installed...” notification appears.



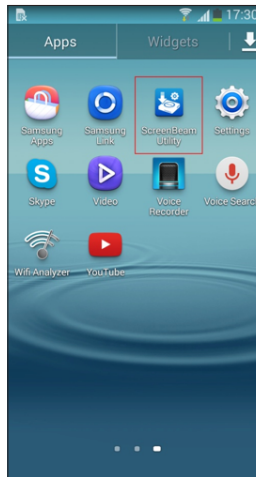
The ScreenBeam Configuration Utility is now installed on the device.

Using the Utility

This section describes how to configure a ScreenBeam Receiver using the ScreenBeam Configuration Utility.

To access the Utility:

1. Verify the ScreenBeam Receiver is powered on, with the “Ready To Connect” screen displayed on the connected monitor.
2. Launch **ScreenBeam Utility** on an Android device.



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3. The currently available receivers are displayed on the “Select a ScreenBeam Receiver” screen. Select the appropriate Receiver from the list.

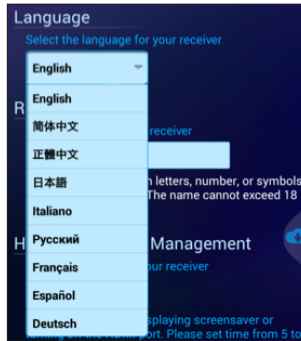


4. The Utility connects to the Receiver and displays its home screen. Scroll up or down to access various options.



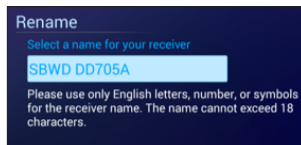
Language

To change the language of the Utility, tap the Language button (labeled “English;” this is the default state). A list of languages appears. Select the language of choice from the list.



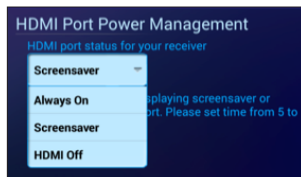
Rename

To rename the Receiver, scroll down to the “Rename” section. Enter a new name for the Receiver in the “Select a name for your receiver” text box.



HDMI Port Power Management

To change the way the Receiver manages power through the HDMI port, scroll down to the “HDMI Port Power Management” section. There are three options here: *Always On*, *Screensaver*, and *HDMI off*.



Always On

Selecting **Always On** causes the HDMI output to the Receiver to be on all the time.

Screensaver

Selecting **Screensaver** causes the Receiver to run the screensaver after a defined time period. Users can define the time (5 to 9999 seconds) in the lower text box.

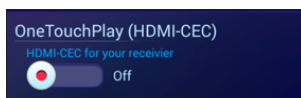
HDMI Off

Selecting **HDMI OFF** causes the HDMI output to turn off after a defined time period. Users can define the time (5 to 9999 seconds) in the lower text box.

OneTouchPlay

OneTouchPlay allows the Receiver to wake up the connected monitor and activate the correct source port. The Receiver wakes up the monitor when one of the following events occurs: when the Receiver is powered on; when a connection to the Receiver is established; or, when a powered-on Receiver is connected to the monitor.

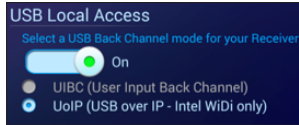
OneTouchPlay is activated by default. To turn it off, slide the switch to “Off.”



Note: To use OneTouchPlay, the monitor must support HDMI-CEC, and it must be enabled.

USB Local Access

USB Local Access allows the Android device to be controlled with a USB keyboard and mouse while connected to the Receiver. After turning USB Local Access on, there are two options: *UIBC* and *UoIP*.



UIBC (User Input Back Channel)

Combo keys or mouse right-click functions are not supported for the connected keyboard/mouse when this option is selected.

UoIP (USB over IP)

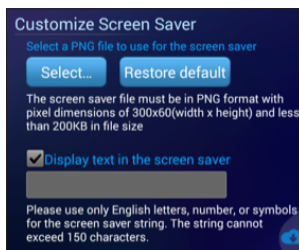
Full functionality is supported for the connected keyboard/mouse.

Note: UoIP is compatible with Intel WiDi only.

Customizing the Screensaver

ScreenBeam's screensaver can be customized with a selected picture, and with text. To do this:

1. Scroll down to the "Customize Screen Saver" section.



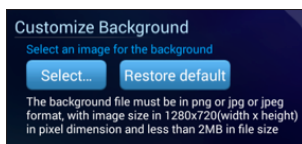
2. Select an image by tapping **Select....** Make sure the picture meets the requirements listed on-screen.
3. To add text, click in the check box next to "Display text..."
4. Enter desired text. Make sure the text meets the requirements listed on-screen.

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Customizing the Background

The Utility's background can be customized with a selected picture. To do this:

1. Scroll down to the “Customize Background” section.

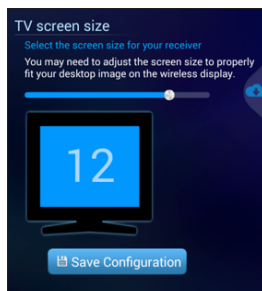


2. Select an image by tapping **Select...**. Make sure the picture meets the requirements listed on-screen.

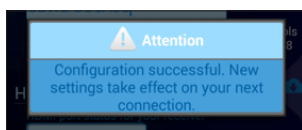
Adjust TV Screen Size

To adjust the picture displayed on the monitor connected to the ScreenBeam Receiver:

1. Scroll down to the “TV screen size” section.



2. Drag the slider to adjust the picture size. This function is available only after the Android device is connected to the Receiver.
3. Tap **Save Configuration**.
4. A message appears, noting that the resize is successful and that the new settings will take effect the next time the Receiver is connected to the monitor.

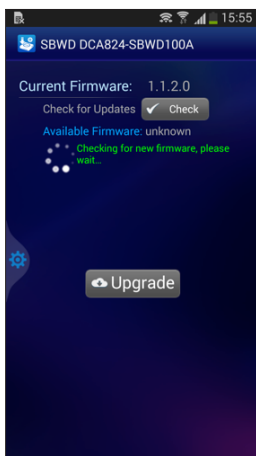


Upgrading a Receiver's Firmware

To upgrade a ScreenBeam Receiver's firmware using the Utility:

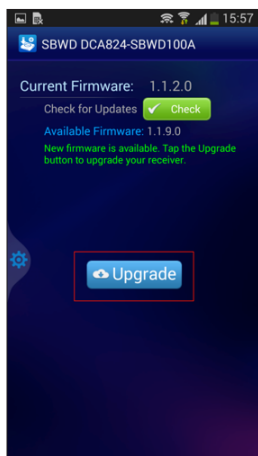
Note: The following procedure is for ScreenBeam Pro. The procedure for upgrading other ScreenBeam series Receivers is very similar.

1. Make sure an Internet connection is established.
2. Verify that the Receiver is powered on, with the "Ready To Connect" screen displayed on the connected monitor.
3. Launch **ScreenBeamUtility** on your Android device.
4. The "Select a ScreenBeam Receiver" screen appears. Select the appropriate Receiver from the displayed list.
Note: If a Receiver does not on the list, tap **SCAN** to search for available Receivers.
5. The ScreenBeam Configuration Utility connects to the Receiver, and the "System Settings" screen appears.
6. Slide the screen to the left, or tap the Download icon on the middle right of the screen to display the "Firmware Upgrade" screen.
7. The Utility checks for new firmware automatically.

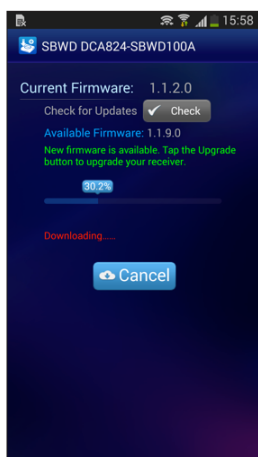


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8. If new firmware is available, it will be displayed next to “Available Firmware.” Also, the “Upgrade” button will be blue. If there is no new firmware available, the “Upgrade” button will remain gray.



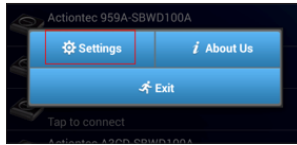
9. Tap **Upgrade** to start the firmware upgrade. To stop the upgrade, tap *Cancel*.
Note: After the firmware file is downloaded, the upgrade cannot be cancelled. Also, do not power off the Receiver during the upgrade process.



10. When the receiver returns to the “Ready to Connect” screen, the Receiver has been upgraded.

Configuring the Utility

The user can change various options relating to the Utility's operation. To do this, in the "Select a ScreenBeam Receiver" screen, tap **MENU** in the Utility's interface, or the "Menu" key of the Android device, to launch the Utility's "Setup" menu.



Note: For the Android devices with a dedicated "Menu" key, the MENU button is not displayed on utility's interface. You must press the "Menu key to access the Utility's Setup menu.

Settings

Tap **Settings** in the Setup menu to configure the Utility's Language and Connection Method options.



Language

Select a language by tapping on the appropriate button and selecting a language from the list that appears. There are four options: *English*, *Simplified Chinese*, *Traditional Chinese*, and *Japanese*.

Connection Method

Different Receivers different WPS security mechanisms implemented. For connection security, the Utility and the Receiver must use the same WPS mechanism, or the connection could fail.

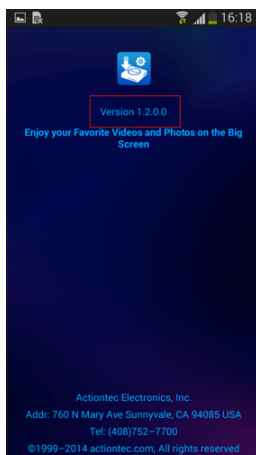
PBC: Selecting PBC requires a button to be pushed on the Receiver.

PIN: Selecting PIN requires a PIN to be entered on the Android device before connecting.

ScreenBeam Configuration Utility

Utility Version

To view the Utility's version number, tap **About Us** from the Setup menu. The version number appears.



Closing the Utility

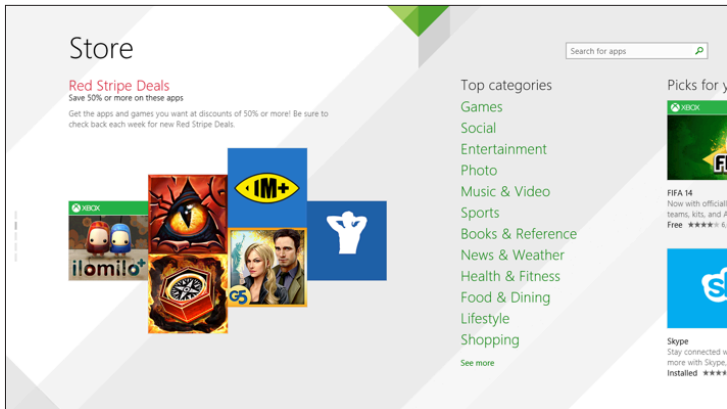
To exit the Utility, tap **Exit** from the Setup menu.

Using the Utility With Windows 8.1

This chapter describes installing and using the ScreenBeam Configuration Utility for Windows 8.1.

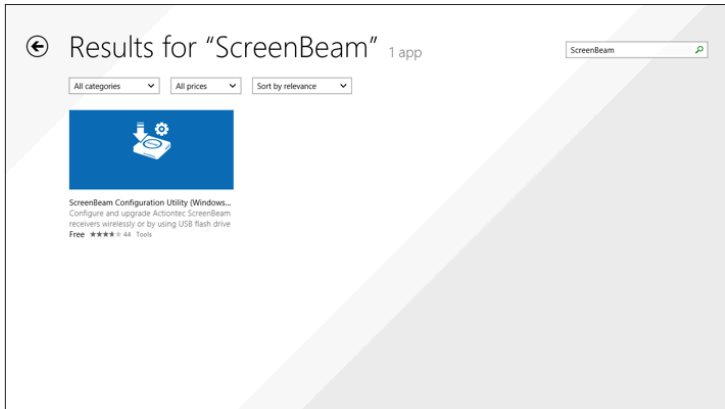
Installing the Utility on a Windows 8.1 Device

1. Launch **Microsoft Store** on the Windows 8.1 device.

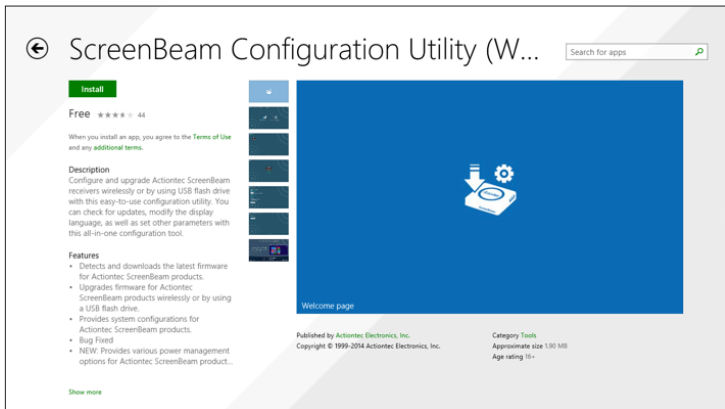


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2. In the “Search for apps” text box, enter “ScreenBeam” and click the Search icon. The ScreenBeam Configuration Utility will be displayed in the search results.



3. Click the “ScreenBeam Configuration Utility” tile. Another screen appears.



4. Click **Install**. The Utility installs on the device.

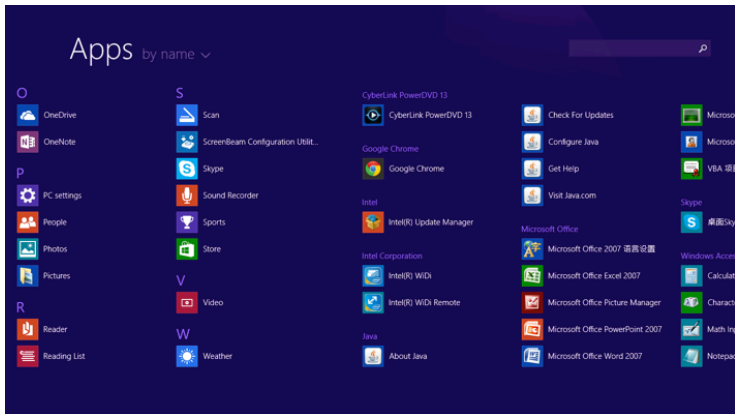
Using the Utility

This following sections explain how to configure ScreenBeam Receivers using the Utility.

Wireless Mode

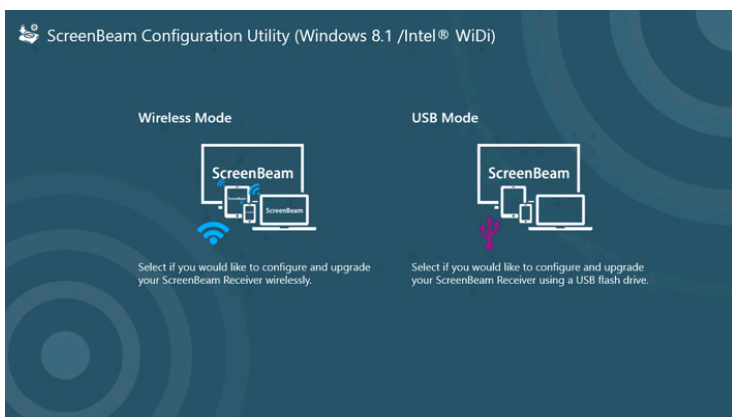
To configure a Receiver wirelessly:

1. Verify the ScreenBeam Receiver is powered on, with the “Ready To Connect” screen displayed on the connected monitor.
2. Connect the Windows 8.1 device to the Receiver.
3. Launch **ScreenBeam Configuration Utility** on the Windows 8.1 device.

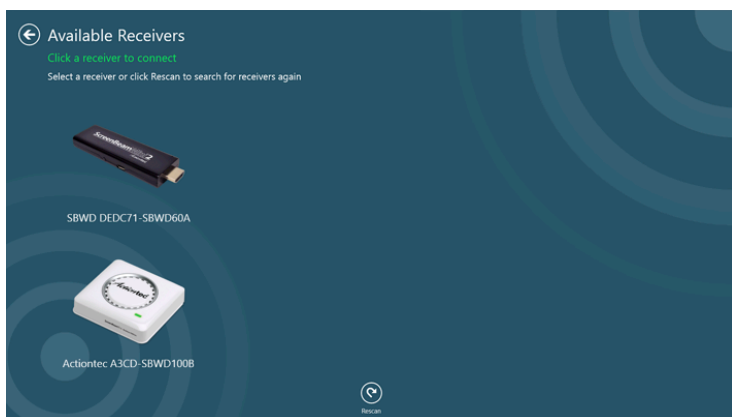


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4. The Utility's home screen appears. Select **Wireless Mode**.



5. In the next screen, select the appropriate Receiver from the “Available Receivers” list. If the desired Receiver does not appear on the list, click *Rescan* to search for available Receivers again.



6. The Utility connects to the Receiver. After the connection is established, the “General Settings” screen appears, The Receiver can be configured from this screen.



7. After changing a setting, click **Save** at the bottom of the screen. Settings will take effect when the next connection is established.

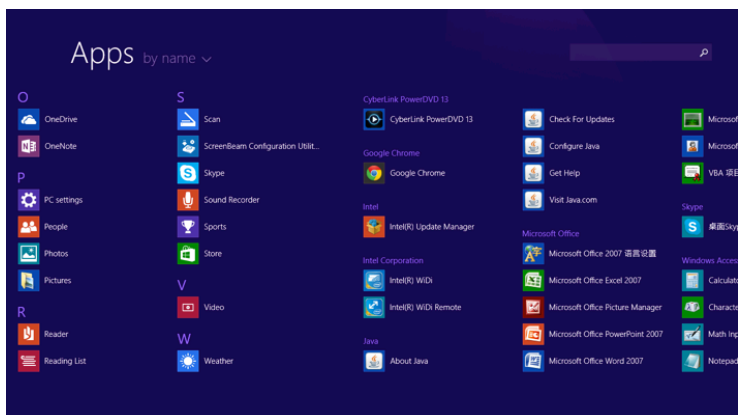
USB Mode

To configure a Receiver using a USB flash drive:

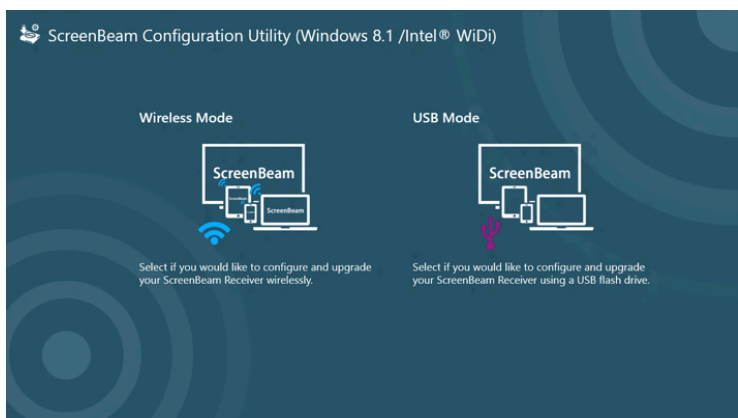
1. Verify the ScreenBeam Receiver is powered on, with the “Ready To Connect” screen displayed on the connected monitor.
2. Prepare a FAT32 formatted USB flash drive, and plug it into the Windows 8.1 device.

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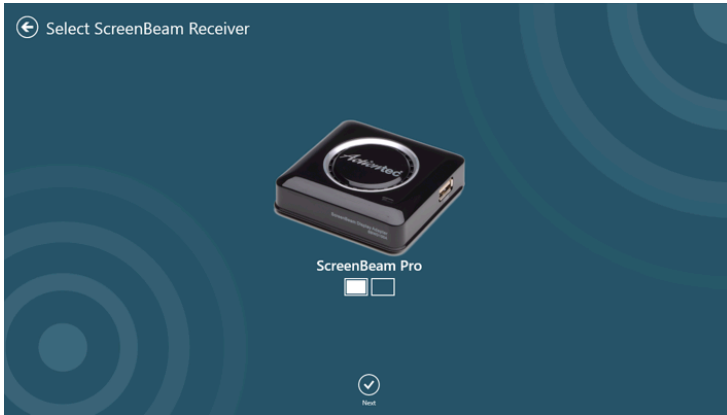
3. Launch **ScreenBeam Configuration Utility** on the device.



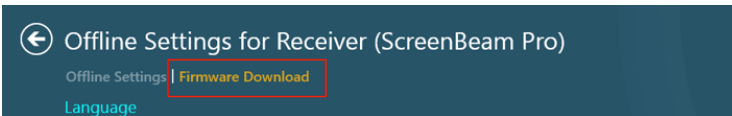
4. The Utility's home screen appears. Select **USB Mode**.



5. In the next screen, select the appropriate Receiver from the “Select ScreenBeam Receiver” list.

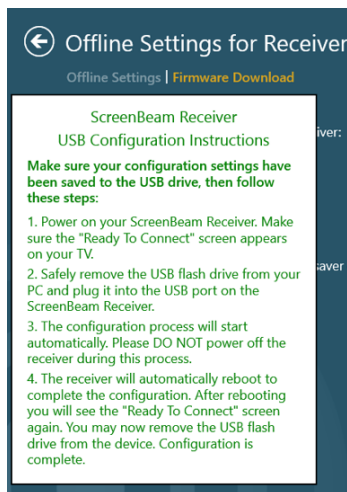


6. The Offline Settings for Receiver screen appears. After the connection is established, the “Offline Settings for Receiver” screen appears. The Receiver can be configured from this screen.



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7. After changing a setting, click **Save to USB** at the bottom of the screen. Settings will be saved to the USB flash drive, and a message appears.



8. Follow the message's instructions to configure the Receiver.

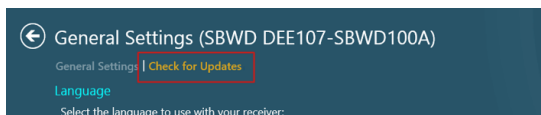
Updating a Receiver's Firmware

Using the Utility, the user can upgrade a ScreenBeam Receiver's firmware. This can be done wirelessly, or by using a USB flash drive.

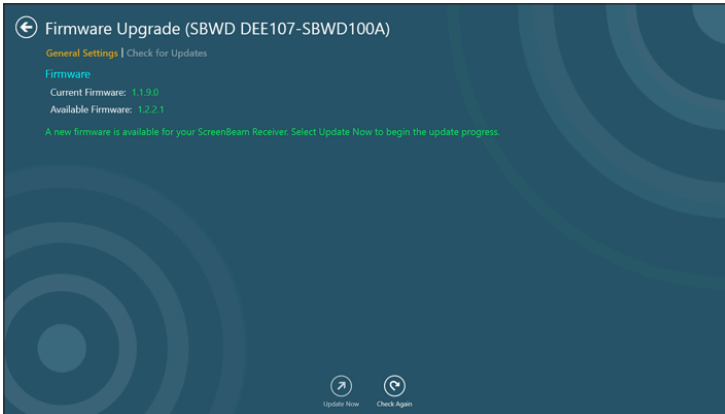
Wireless Mode

To upgrade a Receiver's firmware wirelessly:

1. Launch the Utility's *Wireless Mode* (see "Wireless Mode" in the "Using the Utility" section of this chapter).
2. From the "General Settings" screen, tap **Check for Updates**.



3. The **Firmware Upgrade** screen appears. The Utility checks for new firmware.



4. The version number of the new firmware appears in the “Available Firmware” field. Tap **Update Now**.



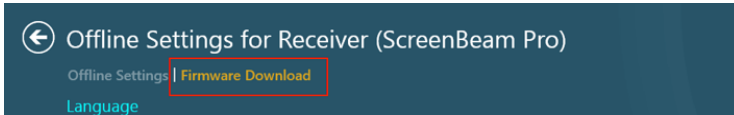
5. The firmware upgrades after the download is complete. Status is displayed on the monitor screen. When the Receiver returns to the “Ready to Connect” screen, the Receiver’s has been upgraded.

Note: Do not power off your receiver during the upgrade process. The upgrade process may take several minutes.

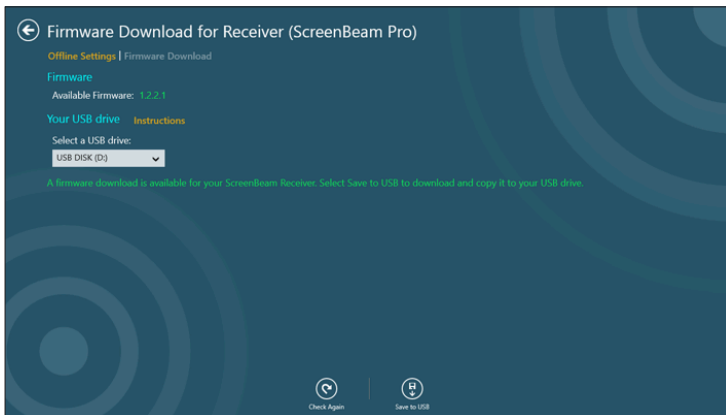
USB Mode

To upgrade a Receiver's firmware using USB Mode:

1. Launch the Utility's *USB Mode* (see "USB Mode" in the "Using the Utility" section of this chapter).
2. From the "General Settings" screen, tap **Check for Updates**.

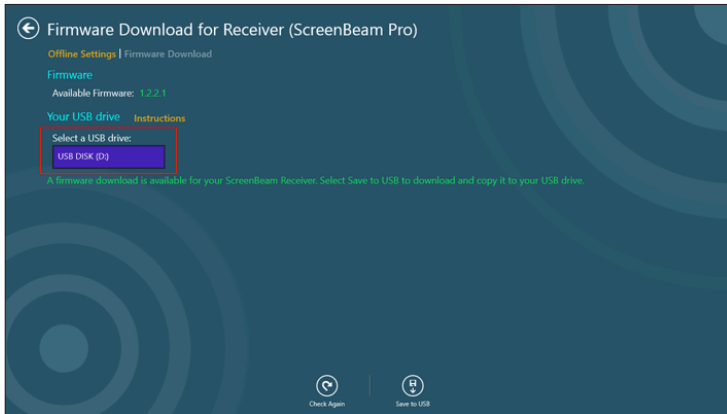


3. The "Firmware Download for Receiver" screen appears. The latest firmware version on the update server is displayed in the "Available Firmware" section. If no firmware is detected, check the network connection on the device and click **Check Again**.

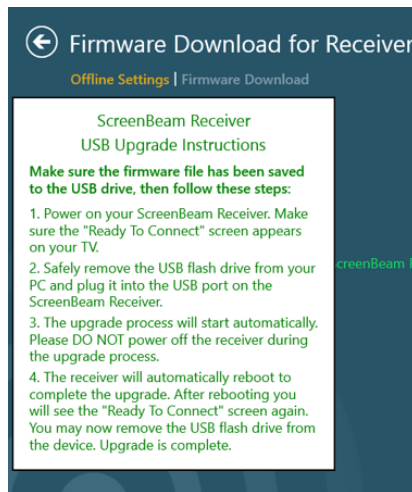


Windows 8.1

4. If the latest firmware on the update server is higher than the currently used one, select the USB flash drive from the “Select a USB drive” list, then click **Save to USB**.



5. After the firmware is saved to the USB flash drive, a “ScreenBeam Receiver USB Upgrade Instructions” message box appears.



6. Follow the on-screen instructions to complete the firmware upgrade.

Note: Do not power off your receiver during the upgrade process. The upgrade process may take several minutes.